

# **MAZZELLA**



# STANDARD PRODUCTS STANDARD PRODUCTS

LIFTING BEAMS, GRABS, TONGS, PULLERS, CARRIERS, HOOKS, AND MORE!

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# MAZZELLA INTERPRETATION OF KEY SPECIFICATIONS FROM ANSI / ASME B30.20 BTH LIFTING DEVICES

#### **Markings and Construction**

#### **Markings**

- (a) Rated load marking: the rated load of the lifting device shall be marked in the main structure where it is visible. If the listing device is made up of several lifters, each detachable from the group, these lifters shall also be marked with their individual rated loads.
- (b) Identification: a nameplate or other permanent marking shall be affixed displaying the following information:
  - (1) manufacturer's name
  - (2) serial number
  - (3) lifter weight, if over 100 lbs.
  - (4) rated load
  - (5) service class
  - (6) design category



#### **General Construction**

A lifter shall be designed to withstand the forces imposed by its rated load with a minimum design factor of 3, based on yield strength, for the load-bearing structural components.

- (a) Welding: all welding shall be in accordance with ANSI / AWS D14.1
- (b) Guards for moving parts: exposed moving parts, such as, (but not limited to) gearing, projecting shafts, and chain drives that constitute a hazard under normal operating conditions, should be guarded.
- (c) Electrical equipment: electrical equipment and wiring shall comply with Article 610 of ANSI / NFPA 70.
- (d) Modifications: structural and mechanical lifters may be modified or re-rated provided such modifications are analyzed by a qualified person or a manufacturer of structural or mechanical lifting devices. A re-rated lifter, or one whose components have been modified, shall be tested according to ANSI / ASME B30.20 section on testing. New rated load shall be displayed.

#### **Lifting Device Operating Practices**

- (a) Lifting devices shall be operated only by the following qualified personnel:
  - (1) designated persons.
  - (2) trainees under the direct supervision of a designated person.
  - (3) maintenance and test personnel, when it is necessary in the performance of their duties.
  - (4) inspectors (lifting devices).
- (b) The lifting device shall not be loaded in excess of its rated load or handle any load for which it is not designated.

- (c) The lifter shall be applied to the load in accordance with established procedures.
- (d) Before lifting, the operator shall make sure that lifter ropes or chains are not kinked, and that multiple-part lines are not twisted about each other.
- (e) Care should be taken to make certain the load is correctly distributed for the lifter being used.
- (f) The temperature of the load should not exceed the maximum allowable limits of the lifter.
- (g) The lifter shall be brought over the load in such a manner as to minimize swinging.
- (h) Care shall be taken that there is not sudden acceleration or deceleration of the load.
- Do not allow load or lifter to come into contact with any obstruction.
- (j) The operator shall avoid carrying the load over people.
- (k) The lifter shall not be used for side pulls or sliding the load unless specifically authorized by a qualified person.

#### **Frequent Inspection**

Items shall be inspected at intervals, as defined above. In addition, visual observations should be conducted during regular service for any damage or evidence of malfunction which appears between regular inspections. Any deficiencies, such as listed below, shall be carefully examined and determination made as to whether they constitute a hazard:

- (a) structural deformation, cracks or excessive wear on any part of the lifter.
- (b) loose or missing guards, fasteners, covers, stops or nameplates.
- (c) all functional operating mechanisms and automatic hold and release mechanisms for misadjustments interfering with operation.

#### **Periodic Inspection**

Complete inspections of the lifter shall be performed at intervals as defined above. Any deficiencies, such as listed below, shall be examined and determination made as to whether they constitute a hazard. These inspections shall include the requirements of frequent inspections, and in addition, items such as the following:

- (a) loose bolts or fasteners.
- (b) cracked or worn gears, pulleys, sheaves, sprockets, bearings, chain and belts.
- (c) excessive wear of linkages and other mechanical parts.
- (d) excessive wear at the hoist hooking points and load support clevises or pins.

The above are general guidelines only. Please refer to current OSHA, ANSI / ASME standards for complete specifications.



# **TABLE OF CONTENTS**

Model 16 — Adjustable Spreader / Lifting Beam4
Model 17 — Adjustable Lifting Beam5
Model 18 — Fixed Twin Basket Sling Lifting Beam6
Model 19 — Fixed Spread Lifting Beam7
Model 20 — Low Headroom Multiple Spread Lifting Beam 8 - 9
Model 22 — Heavy Duty Twin Basket Sling Lifting Beam10
Model 25 — Twin Hoist Lifting Beam11
Model 27SL — Bulk Container Lifting Beams
Model 30 — Fixed Spreader Beams
Model 32 — Adjustable Spreader Beams 14
Model BEF — Spreader Beam End Fittings
Model 5 — Single Fork Hook / Fixed or Swivel 16
Model 10 — Single Hook Beam Fixed or Swivel 17
Model 15 — Double Hook Beam Swivel17
Model FB — Telescopic Fork Lift Booms
Model EB — Fixed Length Fork Lift Booms 19
Models 36 & 36E — Fiberglass Battery Lifting Beams20
Model 82NC — Narrow Coil C-Hook21
Model 80H — Dixon Coil Hook with Pivoting Wedge22
Model 82 — Heavy Duty C-Hook23
Model 82RC — Close Stacking C-Hook24
Model 82LA — Slit Coil C-Hook
Model 83EW — Extended Width Vertical "Eye" Coil Lifter26
Model 60 — Heavy Duty Sheet Lifters27
Model 90ACL — Adjustable Load Lifter28
Model 90 — Standard Fixed Forks Pallet Lifter29
Model 94 — Lightweight Pallet Lifter30
Model BT — Beam Tongs30
Model PLT — Pipe Tongs31
Model C&S — Pipe Grabs32
Model ST — Slab Tongs
Model AJH / BJH / CJH — J-Hooks34
Model FH — Foundry Hooks35
No Touch Hand Tools & Devices





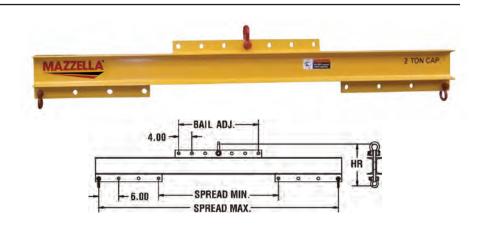
# MODEL 16 — ADJUSTABLE SPREADER / LIFTING BEAM

#### **Product Features:**

- Adjustable lifting points.
- Handles both wide and unbalanced loads.
- Low headroom capability.
- Shackles included.
- Add chain top rigging for additional stability.
- Optional swivel hooks available.
- Optional chain top rigging available.
- Complies with ASME standards.

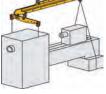
#### **Product Options:**

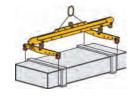
- **OPTION S** Pair of swivel hooks
- OPTION C Chain top rigging
- OPTION B1 One cross beam \*
- OPTION B2 Two cross beams \*
- \* Specify spreads



#### **Operation:**







Standard 2 Point Lift

Custom 3 Point Lift

Custom 4 Point Lift

			Sp	ecification	ıs			
Model Number	Rated Capacity	Spread (in.)		Bail Adjustment	HR Headroom	Anchor	Type Shackle ns)	Weight (lbs.)
	(tons)	Max.	Min.	(in.)	(in.)	Тор	Bottom	
16-1/4-4	1/4	48	12	16	7.13	1.5	1.5	40
16-1/2-4	1/2	48	12	16	7.13	1.5	1.5	40
16-1/2-6	1/2	72	36	24	10.00	1.5	1.5	100
16-1/2-8	1/2	96	48	32	10.00	1.5	1.5	135
16-1/2-10	1/2	120	60	40	10.00	1.5	1.5	145
16-1-6	1	72	36	24	10.00	1.5	1.5	100
16-1-8	1	96	48	32	11.00	1.5	1.5	140
16-1-10	1	120	60	40	11.00	1.5	1.5	175
16-2-6	2	72	36	24	12.50	3.25	2	130
16-2-8	2	96	48	32	13.50	3.25	2	200
16-2-10	2	120	60	40	14.50	3.25	2	280
16-4-8	4	96	48	32	16.75	4.75	4.75	290
16-4-10	4	120	60	40	18.75	4.75	4.75	420
16-4-12	4	144	72	48	18.75	4.75	4.75	500
16-5-8	5	96	48	32	18.75	6.5	4.75	320
16-5-10	5	120	60	40	20.25	6.5	4.75	465
16-5-12	5	144	72	48	20.25	6.5	4.75	550
16-7-12	7	144	72	48	23.75	8.5	6.5	790







# MODEL 17 — ADJUSTABLE LIFTING BEAM

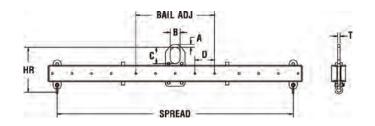
#### **Product Features:**

- Bail adjusts horizontally for lifting unbalanced loads.
- Provides clearance in low headroom applications.
- Spread adjusts in 6" increments along lifting beam.
- Shackles included.
- Optional swivel hooks available.
- Complies with ASME standards.

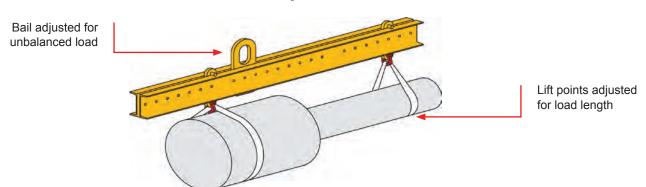


OPTION S - Pair of swivel hooks





#### **Operation:**



	Specifications											
Model Number	Rated Capacity	Spread Bail Adjustment (in.) H		HR Headroom	Shackle Size	0.5				Weight		
Number	(tons)	Max.	Min.	Range	D	(in.)	(tons)	Α	В	С	Т	(lbs.)
17-1 1/4-6	1-1/4	72	36	24	3	14.7	2	1-1/2	3	5	5/8	150
17-2-6	2	72	36	24	3	14.7	2	1-1/2	3	5	5/8	155
17-4-8	4	96	54	36	6	19.8	3 1/4	2	4	7	3/4	285
17-5-10	5	120	60	36	6	22.4	4 3/4	2	4	7	1	475





DO NOT EXCEED RATED CAPACITY.

Can fail if damaged, misused or overloaded. Inspect

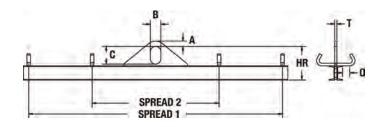


# MODEL 18 — FIXED TWIN BASKET SLING LIFTING BEAM

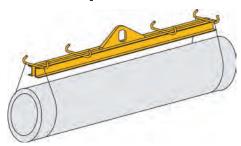
#### **Product Features:**

- Designed to be used with slings in a basket hitch.
- Provides greatest clearance in low headroom applications.
- Two sets of bent bar hooks are standard on units with a spread of 6' and greater.
- Spread 2 is 1/2 of spread 1.
- Hooks are designed to handle up to a 2" sling eye width.
- Complies with ASME standards.





#### **Operation:**



	Specifications										
Capacity	Model Number HR Headroom (in.)	Spread (feet)							Other nensions		
(tons)	Weight (lbs.)	3 *	4 *	6	8	10	12	1	(in.)		
1/2	HR Headroom (in.)	<b>18-1/2-3</b> 8-1/2 40	<b>18-1/2-4</b> 8-1/2 48	<b>18-1/2-6</b> 8-1/2 78	<b>18-1/2-8</b> 8-1/2 95	<b>18-1/2-10</b> 8-1/2 113	<b>18-1/2-12</b> 9-1/2 171	A=7/8 B=3 C=5	T=3/4 O=2		
1	HR Headroom	<b>18-1-3</b> 8-1/2 40	<b>18-1-4</b> 8-1/2 48	<b>18-1-6</b> 9-1/2 93	<b>18-1-8</b> 10-1/2 136	<b>18-1-10</b> 10-1/2 175	<b>18-1-12</b> 11-1/2 239	A=7/8 B=3 C=5	T=3/4 O=2		
2	HR Headroom	<b>18-2-3</b> 9-1/2 52	<b>18-2-4</b> 10-1/2 75	<b>18-2-6</b> 10-1/2 139	<b>18-2-8</b> 11-1/2 169	<b>18-2-10</b> 12-1/2 246	<b>18-2-12</b> 13-1/2 326	A=7/8 B=3 C=5	T=3/4 O=2		
5	HR Headroom	<b>18-5-3</b> 13-1/2 104	<b>18-5-4</b> 14-1/2 135	<b>18-5-6</b> 15-1/2 211	<b>18-5-8</b> 16-1/2 310	<b>18-5-10</b> 17-1/2 423	<b>18-5-12</b> 19-1/2 618	A=2 B=4 C=7	T=1-1/4 O=2		
7-1/2	HR Headroom	<b>18-7 1/2-3</b> 12 125	<b>18-7 1/2-4</b> 14 185	<b>18-7 1/2-6</b> 15 315	<b>18-7 1/2-8</b> 17 475			A=2 B=4 C=7	T=1-1/4 O=2		

<sup>\* 3&#</sup>x27; and 4' beams are provided with one set of bent bar hooks.



#### **WARNING**

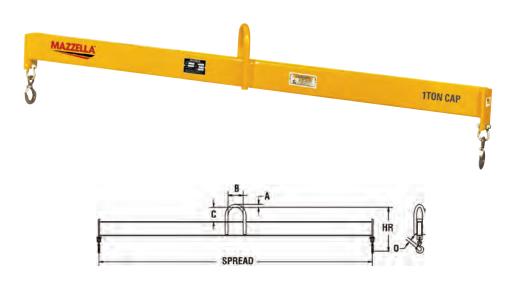
#### DO NOT EXCEED RATED CAPACITY.



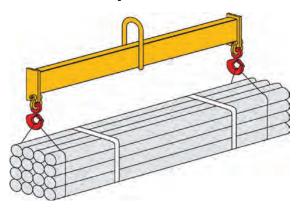
# MODEL 19 — FIXED SPREAD LIFTING BEAM

#### **Product Features:**

- Provides clearance in low headroom applications.
- Bent bar bail for easy crane hook attachment.
- Eye hooks with hook latches standard.
- Fixed spread.
- Complies with ASME standards.

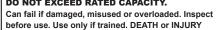


#### **Operation:**



	Specifications											
Capacity	Model Number HR Headroom (in.)			Sprea	d (feet)				Other ensions			
(tons)	Weight (lbs.)	2	3	4	6	8	10	(in.)				
1/2	Model Number HR Headroom Weight	<b>19-1/2-2</b> 13.31 20	<b>19-1/2-3</b> 13.31 26	<b>19-1/2-4</b> 13.31 33	<b>19-1/2-6</b> 13.31 48	<b>19-1/2-8</b> 14.31 75	<b>19-1/2-10</b> 14.31 93	B=3	O=.89			
1	Model Number HR Headroom Weight	<b>19-1-2</b> 14.31 26	<b>19-1-3</b> 14.31 35	<b>19-1-4</b> 14.31 44	<b>19-1-6</b> 15.31 72	<b>19-1-8</b> 15.31 93	<b>19-1-10</b> 16.31 131	A=1 B=6 C=5	O=.89			
2	Model Number HR Headroom Weight		<b>19-2-3</b> 16.75 45	<b>19-2-4</b> 16.75 55	<b>19-2-6</b> 19.75 108	<b>19-2-8</b> 19.75 140	<b>19-2-10</b> 19.75 188	A=1 B=6 C=5	O=1			
3	Model Number HR Headroom Weight		<b>19-3-3</b> 18.00 58	<b>19-3-4</b> 20.00 87	<b>19-3-6</b> 20.00 118	<b>19-3-8</b> 20.00 222	<b>19-3-10</b> 20.00 272	A=1.5 B=6 C=5	O=1			







# MODEL 20 — LOW HEADROOM MULTIPLE SPREAD LIFTING BEAM

#### Ideal where headroom is limited.

#### **Product Features:**

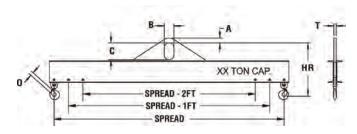
- Beams over 4' have 3 spreads.
- 3' & 4' beams have 2 spreads.
- Swivel hooks with hook latches standard.
- Wide range of sizes and capacities available.
- Complies with ASME standards.

#### **Standard Feature:**

Three spreads to adjust to the load:

- Outside spread
- Middle spread (outside less 1')
- Inside spread (outside less 2')





Other sizes available, consult your local Lifting Specialist.

			Specific	cations			,
Capacity	Model Number			Outside S	pread (feet)		
(tons)	HR Headroom (in.) Weight (lbs.)	3	4	6	8	10	12
1/2	Model Number	<b>20-1/2-3</b>	<b>20-1/2-4</b>	<b>20-1/2-6</b>	<b>20-1/2-8</b>	<b>20-1/2-10</b>	<b>20-1/2-12</b>
	HR Headroom	12-3/4	12-3/4	12-3/4	12-3/4	13-3/4	13-3/4
	Weight	40	50	65	95	140	160
1	<b>Model Number</b>	<b>20-1-3</b>	<b>20-1-4</b>	<b>20-1-6</b>	<b>20-1-8</b>	<b>20-1-10</b>	<b>20-1-12</b>
	HR Headroom	12-3/4	12-3/4	13-3/4	13-3/4	14-3/4	15-3/4
	Weight	40	50	85	115	165	230
2	Model Number	<b>20-2-3</b>	<b>20-2-4</b>	<b>20-2-6</b>	<b>20-2-8</b>	<b>20-2-10</b>	<b>20-2-12</b>
	HR Headroom	13-3/4	13-3/4	14-3/4	16-1/2	17-1/2	18-1/4
	Weight	50	65	100	165	230	315
3	<b>Model Number</b>	<b>20-3-3</b>	<b>20-3-4</b>	<b>20-3-6</b>	<b>20-3-8</b>	<b>20-3-10</b>	<b>20-3-12</b>
	HR Headroom	15-1/4	15-1/4	16-1/4	17-1/4	18-1/4	22-1/2
	Weight	70	80	140	200	275	415
5	<b>Model Number</b>	<b>20-5-3</b>	<b>20-5-4</b>	<b>20-5-6</b>	<b>20-5-8</b>	<b>20-5-10</b>	<b>20-5-12</b>
	HR Headroom	19-1/2	20-1/2	21-1/2	25-1/2	25-1/2	27-1/2
	Weight	115	145	205	325	390	580
7-1/2	<b>Model Number</b>	<b>20-7 1/2-3</b>	<b>20-7 1/2-4</b>	<b>20-7 1/2-6</b>	<b>20-7 1/2-8</b>	<b>20-7 1/2-10</b>	<b>20-7 1/2-12</b>
	HR Headroom	22-1/2	23-1/2	25-1/4	27-1/4	27-1/4	30-1/4
	Weight	135	170	265	415	500	910
10	<b>Model Number</b>	<b>20-10-3</b>	<b>20-10-4</b>	<b>20-10-6</b>	<b>20-10-8</b>	<b>20-10-10</b>	<b>20-10-12</b>
	HR Headroom	23-1/4	25-1/4	27-1/4	27-1/4	30-1/4	30-1/4
	Weight	150	205	335	420	775	910
15	<b>Model Number</b>	<b>20-15-3</b>	<b>20-15-4</b>	<b>20-15-6</b>	<b>20-15-8</b>	<b>20-15-10</b>	<b>20-15-12</b>
	HR Headroom	28-1/2	30-1/2	30-1/2	33-1/2	33-1/2	40-1/4
	Weight	215	295	375	685	820	1,180
20	<b>Model Number</b>	<b>20-20-3</b>	<b>20-20-4</b>	<b>20-20-6</b>	<b>20-20-8</b>	<b>20-20-10</b>	<b>20-20-12</b>
	HR Headroom	38-3/4	38-3/4	38-3/4	38-3/4	41-1/2	41-1/2
	Weight	370	435	575	710	1,070	1,235
25	<b>Model Number</b> HR Headroom Weight		<b>20-25-4</b> 41-3/8 470	<b>20-25-6</b> 41-3/8 590	<b>20-25-8</b> 44-3/8 925	<b>20-25-10</b> 44-3/8 1,100	<b>20-25-12</b> 44-3/8 1,650
30	<b>Model Number</b> HR Headroom Weight		<b>20-30-4</b> 45-1/2 525	<b>20-30-6</b> 45-1/2 660	<b>20-30-8</b> 48-1/4 1,010		
40	<b>Model Number</b> HR Headroom Weight		<b>20-40-4</b> 44-3/4 600	<b>20-40-6</b> 47-3/4 930			

#### **MARNING**





# MODEL 20 — LOW HEADROOM MULTIPLE SPREAD LIFTING BEAM (CONTINUED)

# Recommend Faspins (Option B) if frequent hook position changes (spread) are required.

#### **Options:**



# OPTION A Extra Holes or Different Placement of Holes

Allows multiple hook positioning beyond standard spreads. Specify number and spread(s) required.



# OPTION B Faspins

For ease of positioning hooks with quick release. Specify number required.



#### **OPTION C**

Extra Hooks
Allows for multiple pick
points. Specify number
required.



OPTION D
Pin Type Bail

Lifting pin located between structural channel. (Hoist hook information must be supplied.)



### OPTION E

Shackle Lug Lifting lug with shackle. (Headroom may change.)

#### Other sizes available, consult your local Lifting Specialist.

		Sp	ecification	s (Continued	l)			
Model Number			Outside S	pread (feet)				Other
HR Headroom (in.) Weight (lbs.)	14	16	18	20	24	30	Dimen	sions (in.)
<b>Model Number</b> HR Headroom Weight	<b>20-1/2-14</b> 14-3/4 230	<b>20-1/2-16</b> 15-3/4 305	<b>20-1/2-18</b> 16-3/4 400	<b>20-1/2-20</b> 16-3/4 450	<b>20-1/2-24</b> 20-1/4 830	<b>20-1/2-30</b> 22-1/4 1,340	A=7/8 B=3 C=5	T=3/4 O=7/8
<b>Model Number</b> HR Headroom Weight	<b>20-1-14</b> 16-3/4 320	<b>20-1-16</b> 18-1/2 415	<b>20-1-18</b> 20-1/4 605	<b>20-1-20</b> 20-1/4 675	<b>20-1-24</b> 22-1/4 1,095		A=7/8 B=3 C=5	T=3/4 O=7/8
<b>Model Number</b> HR Headroom Weight	<b>20-2-14</b> 20-1/4 480	<b>20-2-16</b> 20-1/4 540	<b>20-2-18</b> 24-3/4 800	<b>20-2-20</b> 24-3/4 900	<b>20-2-24</b> 27-3/4 1,730		A=7/8 B=3 C=5	T=3/4 O=7/8
<b>Model Number</b> HR Headroom Weight	<b>20-3-14</b> 24-1/2 650	<b>20-3-16</b> 24-1/2 730	<b>20-3-18</b> 27-1/2 1,295	<b>20-3-20</b> 27-1/2 1,450	<b>20-3-24</b> 27-1/2 1,765		A=1-1/4 B=3 C=5	T=1 O=1
<b>Model Number</b> HR Headroom Weight	<b>20-5-14</b> 27-1/2 690	<b>20-5-16</b> 30-1/4 1,210	<b>20-5-18</b> 30-1/4 1,340	<b>20-5-20</b> 30-1/4 1,505	<b>20-5-24</b> 33-1/4 2,275		A=2 B=4 C=7	T=1-1/4 O=1-15/16
<b>Model Number</b> HR Headroom Weight	<b>20-7 1/2-14</b> 30-1/4 1,070	<b>20-7 1/2-16</b> 30-1/4 1,600	<b>20-7 1/2-18</b> 33 1,665				A=2 B=4 C=7	T=1-1/4 O=1-1/2
<b>Model Number</b> HR Headroom Weight	<b>20-10-14</b> 30-1/4 1,075	<b>20-10-16</b> 33 1,500	<b>20-10-18</b> 33 1,670				A=2 B=4 C=7	T=1-1/4 O=1-9/16
<b>Model Number</b> HR Headroom Weight	<b>20-15-14</b> 40-1/4 1,385						A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/16
<b>Model Number</b> HR Headroom Weight							A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/4
<b>Model Number</b> HR Headroom Weight							A=3 B=6 C=12	T=1-3/4 O=2-1/4
<b>Model Number</b> HR Headroom Weight							A=3-1/2 B=7 C=16	T=2 O=2-1/4
<b>Model Number</b> HR Headroom Weight							A=3-1/2 B=7 C=16	T=2-1/2 O=3

#### **MARNING**



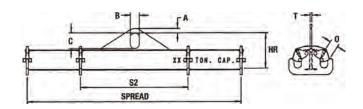


# MODEL 22 — HEAVY DUTY TWIN BASKET SLING LIFTING BEAM

#### **Product Features:**

- Designed to be used with slings in a basket hitch.
- Specially designed hooks with hook latches minimize potential sling damage.
- Two sets of fixed hooks are standard in all lengths over 4'.
- The inner set of hooks (S2) are 1/2 the overall spread.
- Extra spreads available upon request.
- Complies with ASME standards.





			Spe	cification	ıs				
Capacity	Model Number			Sprea	d (feet)			1	Other
(tons)	HR Headroom (in.) Weight (lbs.)	3	4	6	8	10	12	Dir	nensions (in.)
1/2	Model Number HR Headroom Weight	<b>22-1/2-3</b> 8-1/2 50	<b>22-1/2-4</b> 8-1/2 65	<b>22-1/2-6</b> 8-1/2 110	<b>22-1/2-8</b> 8-1/2 150	<b>22-1/2-10</b> 9-1/2 200	<b>22-1/2-12</b> 9-1/2 220	A=7/8 B=3 C=5	T=3/4 O=1-1/16
1	Model Number HR Headroom Weight	<b>22-1-3</b> 8-1/2 50	<b>22-1-4</b> 8-1/2 65	<b>22-1-6</b> 9-1/2 145	22-1-8 10-1/2 210	<b>22-1-10</b> 10-1/2 230	<b>22-1-12</b> 11-1/2 290	A=7/8 B=3 C=5	T=3/4 O=1-1/8
2	Model Number HR Headroom Weight	<b>22-2-3</b> 9-1/2 70	<b>22-2-4</b> 10-1/2 90	<b>22-2-6</b> 10-1/2 160	<b>22-2-8</b> 11-1/2 225	<b>22-2-10</b> 12-1/2 300	<b>22-2-12</b> 13-1/2 375	A=7/8 B=3 C=5	T=3/4 O=1-1/8
5	Model Number HR Headroom Weight	<b>22-5-3</b> 13-1/2 90	<b>22-5-4</b> 14-1/2 160	<b>22-5-6</b> 15-1/2 275	<b>22-5-8</b> 16-1/2 350	<b>22-5-10</b> 16-1/2 450	<b>22-5-12</b> 16-1/2 500	A=2 B=4 C=7	T=1 O=1-1/8
7-1/2	Model Number HR Headroom Weight	<b>22-7 1/2-3</b> 14-1/2 155	<b>22-7 1/2-4</b> 15-1/2 180	<b>22-7 1/2-6</b> 16-1/2 330	<b>22-7 1/2-8</b> 17-1/2 410	<b>22-7 1/2-10</b> 17-1/2 500	<b>22-7 1/2-12</b> 19-1/2 700	A=2 B=4 C=7	T=1-1/4 O=1-3/4
10	Model Number HR Headroom Weight	<b>22-10-3</b> 15-1/2 150	<b>22-10-4</b> 16-1/2 200	<b>22-10-6</b> 17-1/2 360	<b>22-10-8</b> 19-1/2 500	<b>22-10-10</b> 22-1/2 850	<b>22-10-12</b> 19-1/2 1,000	A=2 B=4 C=7	T=1-1/4 O=1-3/4



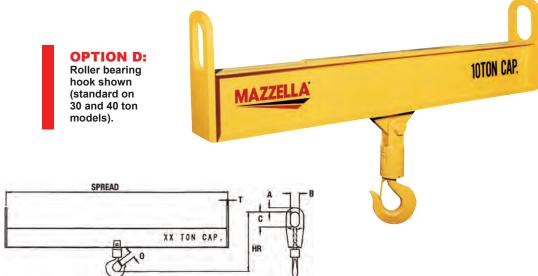
before use. Use only if trained. DEATH or INJURY can occur from improper use or maintenance.



# MODEL 25 — TWIN HOIST LIFTING BEAM

#### **Product Features:**

- Use two or more hoists to increase lifting stability.
- Swivel hook with hook latch.
- Several options are available for added versatility.
- Complies with ASME standards.



			Spe	cification	ıs				
Capacity	Model Number HR Headroom (in.)		Spread (feet)						Other ensions
(tons)	Weight (lbs.)	6	8	10	12	14	16		(in.)
2	Model Number HR Headroom Weight	<b>25-2-6</b> 16-3/4 125	<b>25-2-8</b> 16-3/4 160	<b>25-2-10</b> 17-3/4 240	<b>25-2-12</b> 17-3/4 280	<b>25-2-14</b> 18-3/4 360	<b>25-2-16</b> 18-3/4 400	A=1-1/2 B=3 C=5	T=5/8 O=1-1/8
4	Model Number HR Headroom Weight	<b>25-4-6</b> 20 160	<b>25-4-8</b> 21 240	<b>25-4-10</b> 22 310	<b>25-4-12</b> 23 410	<b>25-4-14</b> 23 500	<b>25-4-16</b> 25 725	A=1-1/2 B=3 C=5	T=5/8 O=1-1/2
6	Model Number HR Headroom Weight	<b>25-6-6</b> 27-1/2 220	<b>25-6-8</b> 28-1/2 300	<b>25-6-10</b> 28-1/2 380	<b>25-6-12</b> 30-1/2 550	<b>25-6-14</b> 30-1/2 640	<b>25-6-16</b> 30-1/2 780	A-1-1/2 B=3 C=5	T=3/4 O=2-1/16
10	Model Number HR Headroom Weight	<b>25-10-6</b> 29 340	<b>25-10-8</b> 29 420	<b>25-10-10</b> 32 800	<b>25-10-12</b> 32 920	<b>25-10-14</b> 32 1,100	<b>25-10-16</b> 32 1,220	A=2 B=4 C=7	T=1 O=2-1/4
15	Model Number HR Headroom Weight		<b>25-15-8</b> 38-1/4 740	<b>25-15-10</b> 38-1/4 865	<b>25-15-12</b> 38-1/4 1,050	<b>25-15-14</b> 41-1/4 1,930	<b>25-15-16</b> 41-1/2 2,158	A=2 B=4 C=7	T=1-1/4 O=2-1/4
20	Model Number HR Headroom Weight		<b>25-20-8</b> 35-1/2 830	<b>25-20-10</b> 38-1/2 1,130	<b>25-20-12</b> 38-1/2 1,266	<b>25-20-14</b> 38-1/2 1,926	<b>25-20-16</b> 38-1/2 2,196	A=2 B=4 C=7	T=1-1/4 O=3



#### **OPTION A**

Off-set hook for hoists of different capacities.



#### **OPTION B**

Multiple load hooks, some outside the bail span.



#### **OPTION C**

Center bail and extra pair of hooks for maximum versatility.

#### **MARNING**



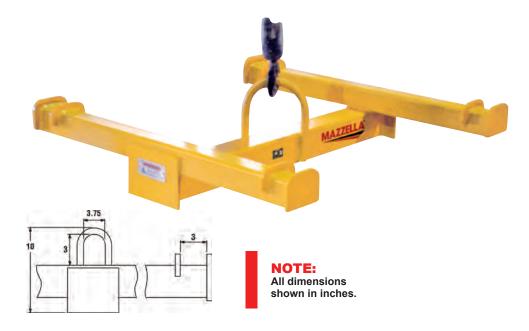
DO NOT EXCEED RATED CAPACITY.
Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. DEATH or INJURY



# MODEL 27SL — BULK CONTAINER LIFTING BEAMS

#### **Product Features:**

- Constructed of tubing for smooth surface with no sharp edges.
- Low headroom design.
- Easily attach to load with open lifting lugs.
- Lug spacing will hold up to a 3" wide loop.
- Oversized lifting eye to accept a wide range of hooks.
- Complies with ASME standards.



	Specifi	cations	
Model Number	Capacity (lbs.)	Span (in.)	Weight (lbs.)
27SL-1MT-36	2,200	36	150
27SL-1MT-48	2,200	48	185
27SL-2MT-36	4,400	36	155
27SL-2MT-48	4,400	48	190



#### **WARNING**



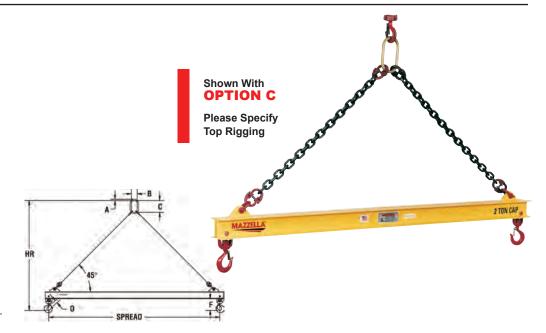
#### DO NOT EXCEED RATED CAPACITY.



# MODEL 30 — FIXED SPREADER BEAMS

#### **Product Features:**

- Ideal where headroom is not limited.
- Adds stability to lift.
- Available with standard chain or wire rope rigging.
- Available with Adjust-A-Leg® adjustment (minimum lifting capacity will be approximately 10-15% of beam rating).
- Wide range of additional sizes and capacities available.
- Complies with ASME standards.



				Spe	cification	ons					
Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	4	6	8	10	12	16	20	24	Dime	ther nsions in.)
2	<b>Model Number</b> HR Headroom Weight	<b>30-2-4</b> 34 45	<b>30-2-6</b> 46 60	<b>30-2-8</b> 58 82	<b>30-2-10</b> 70 95	<b>30-2-12</b> 82 115	<b>30-2-16</b> 106 225	<b>30-2-20</b> 132 408	<b>30-2-24</b> 156 445	A=1/2 B=2-1/2 C=5	F=4-1/4 O=31/32
5	<b>Model Number</b> HR Headroom Weight	<b>30-5-4</b> 37 62	<b>30-5-6</b> 49 78	<b>30-5-8</b> 61 100	<b>30-5-10</b> 73 117	<b>30-5-12</b> 83 168	<b>30-5-16</b> 110 305	<b>30-5-20</b> 134 435	<b>30-5-24</b> 158 661	A=1 B=3-1/2 C=7	F=6 O=1-1/16
10	<b>Model Number</b> HR Headroom Weight	<b>30-10-4</b> 41 100	<b>30-10-6</b> 53 122	<b>30-10-8</b> 64 156	<b>30-10-10</b> 77 180	<b>30-10-12</b> 86 240	<b>30-10-16</b> 113 380	<b>30-10-20</b> 138 532	<b>30-10-24</b> 163 915	A=1-1/4 B=4-3/8 C=8-3/4	F=8-1/8 O=1-1/2
15	<b>Model Number</b> HR Headroom Weight	<b>30-15-4</b> 43 126	<b>30-15-6</b> 55 155	<b>30-15-8</b> 65 185	<b>30-15-10</b> 80 242	<b>30-15-12</b> 92 270	<b>30-15-16</b> 116 420	<b>30-15-20</b> 140 665	<b>30-15-24</b> 167 953	A=1-1/2 B=5-1/4 C=10-1/2	F=9-1/4 O=1-3/4
20	<b>Model Number</b> HR Headroom Weight	<b>30-20-4</b> 46 170	<b>30-20-6</b> 58 200	<b>30-20-8</b> 69 233	<b>30-20-10</b> 82 315	<b>30-20-12</b> 94 350	<b>30-20-16</b> 118 540	<b>30-20-20</b> 140 775	<b>30-20-24</b> 170 1,341	A=1-3/4 B=6 C=12	F=9-3/4 O=2
30	<b>Model Number</b> HR Headroom Weight		<b>30-30-6</b> 60 285	<b>30-30-8</b> 70 402	<b>30-30-10</b> 83 440	<b>30-30-12</b> 95 530	<b>30-30-16</b> 120 888	<b>30-30-20</b> 145 1,390		A=1-3/4 B=6 C=12	F=9-3/4 O=2
40	Model Number HR Headroom Weight		<b>30-40-6</b> 65 563	<b>30-40-8</b> 77 695	<b>30-40-10</b> 89 781	<b>30-40-12</b> 102 1,058	<b>30-40-16</b> 127 1,364			A=2 B=7 C=14	F=13 O=2-3/4

**NOTE:** Weight = Beam and hooks only -- (no top rigging).

#### **Top Rigging Options:**

#### **OPTION C**

Chain top rigging from beam to crane hook.

#### **OPTION W**

Wire rope top rigging from beam to crane hook.

#### **OPTION A**

Adjust-A-Leg® sling top rigging for off-center load adjustment (not included in QUICKSHIP Program).

#### **MARNING**

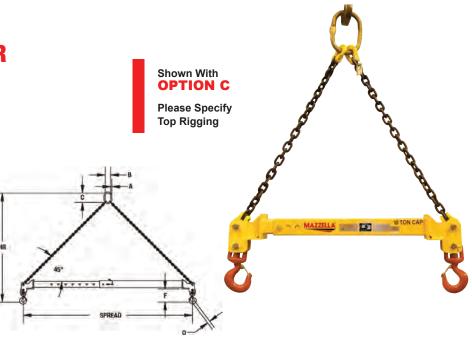




MODEL 32 — ADJUSTABLE SPREADER BEAMS

#### **Product Features:**

- Ideal where headroom is not limited.
- Adds stability to lift.
- Telescopic spread standard.
- Spread adjusts in 1" increments.
- Available with standard chain or wire rope rigging.
- Available with Adjust-A-Leg® rigging for off center load adjustment (minimum lifting capacity will be approximately 10-15% of beam rating).
- Wide range of additional sizes and capacities available.
- Complies with ASME standards.



				Spe	ecificatio	ns				
Capacity (tons)	Model Number	Spread (ft.) Min. / Max.	HR Headroom Min. / Max. w/ Chain (in.)	Weight Beam & Hooks (lbs.)	A Oblong Dia. (in.)	B Oblong Width (in.)	C Oblong Height (in.)	F Hook To Beam Bottom (in.)	O Hook Opening w/ Latch (in.)	Chain Rigging Weight (lbs.)
	32-2-4/6	4/6	48/57	70						9
2	32-2-6/10	6 / 10	72/88	85	1/2	2.36	3.94	5.5	0.07	13
2	32-2-8/14	8 / 14	96/113	175	1/2	2.30	3.94	5.5	0.97	17
	32-2-12/20	12 / 20	132/166	245	1					23
	32-5-4/6	4/6	55/64	105				34		
5	32-5-6/10	6 / 10	79/95	160	] 1	5.38	7.09	8.4	1 11	47
J	32-5-8/14	8 / 14	102/126	205	] '	5.30	7.09	0.4	Hook Opening w/ Latch	61
	32-5-12/20	12 / 20	138/172	670	1					82
	32-10-4/6	4/6	60/69	130						49
40	32-10-6/10	6 / 10	74/111	175	1 444	F 74	40.00	10.0	4.70	69
10	32-10-8/14	8 / 14	108/132	460	1-1/4	5.71	10.83	10.6	1./0	88
	32-10-12/20	12 / 20	144/163	680	]					118
	32-15-4/6	4/6	64/72	165						78
45	32-15-6/10	6 / 10	87/104	365	1 1/0	E 00	10.5	12.6	2 22	111
15	32-15-8/14	8 / 14	111/135	478	1-1/2	5.90	10.5	13.6	2.22	145
	32-15-12/20	12 / 20	147/180	700	1					194

#### **Top Rigging Options:**

#### **OPTION C**

Chain top rigging from beam to crane hook.

#### **OPTION W**

Wire rope top rigging from beam to crane hook.

#### **WARNING**



DO NOT EXCEED RATED CAPACITY.
Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. DEATH or INJURY



## MODEL BEF — SPREADER BEAM END FITTINGS

#### **Product Features:**

- Build your own spreader beam.
- Designed to work with a range of shackle sizes, both top and bottom.
- Complies with ASME standards when assembled to specifications using A53 Grade B, schedule 40 pipe.



								Spo	ecifi	cati	ons									
Model Number	Model Number Capacity (tons)													Weight						
Spread (ft.)	4	5	6	8	10	12	14	15	16	18	20	22	24	26	28	30	32	34	36	(lbs.)
BEF-2-1/2	7.5	7	6.5	5.5	4	2.9	2	1.8												16
BEF-5	17	17	17	17	17	16	15	14	13	12	10	8	7	6	5	4.5				46
BEF-8	39	39	39	39	39	38	36	36	35	33	31	29	27	25	23	21	19	16	15	266

NOTE: Capacity based on minimum 45° top rigging angle.

#### **Assembly Information:**

The Model BEF is designed to use A53 Grade B, schedule 40 pipe as the central structural element between the end fittings. This structural material is readily available at most steel service centers. The Model BEF-2-1/2 requires a 2-1/2" nominal size, the Model BEF-5 requires a 5" nominal size, and the BEF-8 requires an 8" nominal size A53 Grade B, schedule 40 pipe.

#### Other requirements are:

- The length of pipe used for this central element must be straight within 1/4" end to end.
- The pipe should have the ends cleanly cut square with its centerline.
- The A53 Grade B, schedule 40 pipe should not have any weld joint irregularities.
- Each end of the A53 Grade B, schedule 40 pipe must have the correct diameter holes drilled through both walls and both ends must be in line.
- The A53 Grade B, schedule 40 pipe used in this application does not need to pass any pressure testing.

The retaining bolts used to secure the Model BEF 2-1/2 and 5 to the A53 Grade B, schedule 40 pipe must be a Grade 5 Hex Head Cap Screw 5/8-11 with minimum length of 4-1/2" and 8" respectively. The bolt for the BEF-8 is a Grade 5 Hex Head Cap Screw 1-8 with a minimum length of 11-1/2".

**NOTE:** Complete assembly instructions are provided with each set of end fittings.



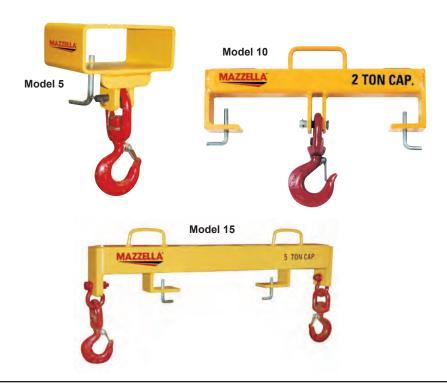


## MODELS 5, 10, AND 15 — FORK LIFT BEAMS

Fork Lift Beams are specifically designed to make fork lifts more versatile by providing positive handling of loads otherwise impractical for fork lifts.

#### **Product Features:**

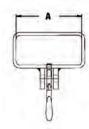
- Easy attachment, no special wrenches or tools needed.
- Strong, sturdy, all welded construction.
- Easy to see, highly visible yellow paint.
- Custom designs available.

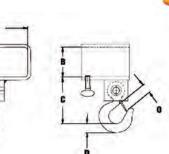


# MODEL 5 — SINGLE FORK HOOK / FIXED OR SWIVEL

#### **MARNING**

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.









Swivel Hook Shown

Specifications												
Model Model Rated Dimensions (inches)												
Number Fixed	Number Swivel	Capacity (lbs.)	Α	В	C C Fixed Swivel D		0	Weight (lbs.)				
5-1 1/2-4	5S-1 1/2-4	3,000	4-1/2	2-1/2	4-11/16	6-9/16	1	1	7			
5-1 1/2-5	5S-1 1/2-5	3,000	5-1/2	2-1/2	4-11/16	6-9/16	1	1	8			
5-1 1/2-6	5S-1 1/2-6	3,000	6-1/2	2-1/2	4-11/16	6-9/16	1	1	9			

#### **MARNING**



DO NOT EXCEED RATED CAPACITY.

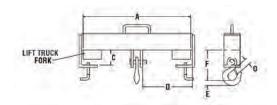
Can fail if damaged, misused or overloaded. Inspect



# MODEL 10 — SINGLE HOOK BEAM FIXED OR SWIVEL

#### **WARNING**

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.



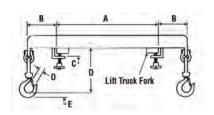


Specifications												
Model	Model	Rated			Dir	nensions (inch	es)			Mainht		
Number Fixed	Number Swivel	Capacity (lbs.)	А	С	D	F Fixed	F Swivel	Е	0	Weight (lbs.)		
10-2-20	10S-2-20	4,000	20	3-1/4	9-1/8	7-1/4	8-7/8	1-1/8	1-5/32	21		
10-5-24	10S-5-24	10,000	24	3-1/4	10-3/4	9-1/4	11-7/16	1-13/16	1-11/16	42		
10-5-36	10S-5-36	10,000	36	3-1/4	16-3/4	9-1/4	11-7/16	1-13/16	1-11/16	80		
10-7.5-36	10S-7.5-36	15,000	36	4-1/4	16-1/4	13-3/4	15-3/4	2-1/4	2-7/32	166		
10-10-36	10S-10-36	20,000	36	4-1/4	16	14-5/8	16-7/16	2-19/32	2-13/32	180		
10-15-36	10S-15-36	30,000	36	4-1/4	15-7/8	14-1/2	16-5/16	2-19/32	2-13/32	210		

# MODEL 15 — DOUBLE HOOK BEAM SWIVEL

#### **WARNING**

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.





			Spe	cification	S			
Model	Rated			Dimension	ns (inches)			Weight
Number	Capacity (lbs.)	Α	В	С	D	Е	0	(lbs.)
15-2-20	4,000	20	6-5/8	2-1/2	10-3/8	1-7/16	1-11/32	60
15-5-24	10,000	24	9-3/8	2-1/2	11-21/32	1-7/16	1-11/32	68

#### **MARNING**



DO NOT EXCEED RATED CAPACITY.

Can fail if damaged, misused or overloaded. Inspect



# **MODELS FB** — **TELESCOPIC FORK LIFT BOOMS**

The Fixed Boom, Model FB, has a telescoping boom with a maximum horizontal reach of 12 feet. This model is available in 3,000, 4,000, 6,000, and 8,000 lb. capacities.

#### **Product Features:**

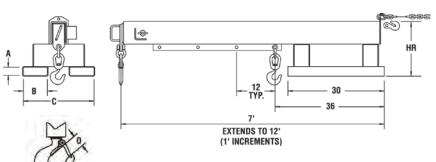
- Alternate hook positions.
- Telescoping boom.
- Restraining chain with grab hook.
- Handle at end for easy extension.
- Fixed or swivel hooks available.
- Boom locking t-pin.



Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.



**Model FB Fixed Type Fork Lift Boom** 



NOTE: All dimensions on drawings shown in inches unless stated.

	Specifications												
Model		Di	mensions (i	n.)			Max	cimum Capa	city @ Hoo	k Position (I	bs.)		Weight
Number	Α	В	С	HR	0	3'-6'	7'	8'	9'	10'	11'	12'	(lbs.)
FB-30	2-1/2	7-1/2	22	16	1.00	3,000	3,000	2,600	2,200	1,900	1,600	1,500	340
FB-40	2-1/2	7-1/2	22	16	1.09	4,000	3,200	2,600	2,200	1,900	1,600	1,500	340
FB-60	2-1/2	7-1/2	22	17	1.36	6,000	5,000	4,200	3,500	3,000	2,700	2,500	390
FB-80	2-1/2	1-1/2		18	1.61	8,000	7,000	5,700	4,800	4,100	3,600	3,100	520

**NOTE:** Models FB-30 and FB-40 are only available with swivel hooks.



#### **WARNING**

Can fail if damaged, misused or overloaded. Inspect

before use. Use only if trained. DEATH or INJURY can occur from improper use or maintenance.



# MODELS EB — FIXED LENGTH FORK LIFT BOOMS

Use efficient, economical Fixed Length Boom attachment when telescoping is not required.

#### **Product Features:**

- Fixed length.
- Restraining chain with grab hook.

#### EB-15 – Lightweight:

- Accepts up to a 2" wide sling.
- Optional swivel hook available.

#### EB-40 – Fixed Length:

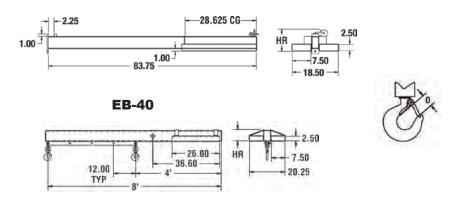
- 5 alternate hook positions.
- Fixed or swivel hooks available.

#### **A** WARNING

Capacity of lift truck and attachment combination may be less than capacity shown on attachment.
Consult lift truck manufacturer.



#### **EB-15**



NOTE: All dimensions on drawings shown in inches unless stated.

Specifications												
Model	Model Maximum Headroom Hook Maximum Capacity @ Hook Position (lbs.)											
Number	Capacity (lbs.)	HR (in.)	Opening O (in.)	4'	5'	6'	7'	8'	Weight (lbs.)			
EB-15	1,500	7.00	1.00						185			
EB-40	4,000	6.30	1.09	4,000	3,500	3,000	2,500	2,000	240			





#### DO NOT EXCEED RATED CAPACITY.



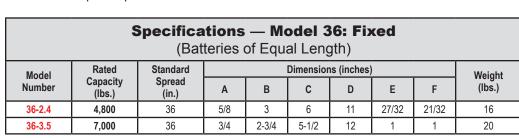
# MODELS 36 AND 36E — FIBERGLASS BATTERY LIFTING BEAMS

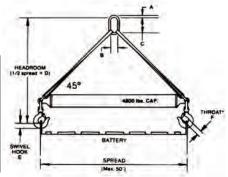
Used for applications that require a non-conductive beam such as lifting industrial fork lift truck batteries.

#### **Product Features:**

- Lightweight units—70% lighter than other beams.
- Models are available for handling batteries of equal length or of different lengths.
- Heavy duty 4,800 lb. and 7,000 lb. capacities.
- Non-conductive fiberglass beam construction.
- Acid-resistant, coated polyester straps and hooks.
- Standard drop sling length is 10", other lengths available upon request.



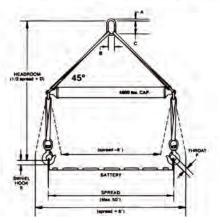




**NOTE:** For battery beams other than standard spread. Measure distance between lifting points. Specify Model 36 with beam spread (in even inches) equal to length measured.

	Spe	cification (Batte	<b>ns</b> — eries of			-	stabl	е	
Model Number	Rated Capacity (lbs.)	Standard Spread (in.)	A	В	Dimension C	ns (inches) D	E	F	Weight (lbs.)
36E-2.4	4,800	36	5/8	3	6	21	1	1	17
36E-3.5	7,000	36	3/4	2-3/4	5-1/2	22-1/2	1-1/8	1-1/8	20

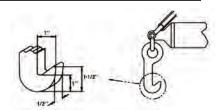
**NOTE:** For Model 36E lifting beams, battery length cannot differ more than 6 inches from length of beam spread. For battery beams other than standard spread. Take average of shortest and longest batteries, and specify Model 36E with beam spread (in even inches) equal to average lengths. Battery length must be within 12 inches, shortest to longest.



#### **OPTION J:**

J-Hooks available in place of swivel hooks at a reduced cost. Available upon request.

**NOTE:** When ordering J-Hook option show Model 36 as 36J, and Model 36E as 36EJ.



# \*

#### **WARNING**

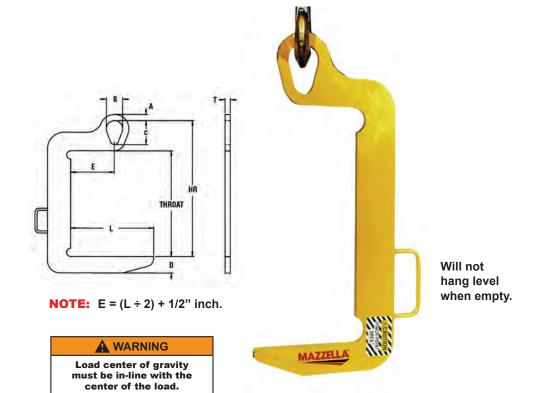
#### DO NOT EXCEED RATED CAPACITY.



# MODEL 82NC — **NARROW COIL** C-HOOK

#### **Product Features:**

- Handles narrow coils with less coil damage.
- Lightweight for easier handling.
- Built-in guide handle for ease of coil positioning.
- Available with optional curved coil saddle.
- Inside radius on hooks avoid coil edge contact.
- Complies with ASME standards.



	Specifications													
					Dimension	s (inches)								
Model	Capacity	Coil		Lifting A	rm Plate	HR		Bail Dim	ensions		Weight			
Number	(tons)	Width Max.	Throat	Length L	Depth D	Headroom	A	В	С	Т	(lbs.)			
82NC-1/2-8	1/2	8	14-1/2	8	2-1/4	18-1/2	13/16	2	3-1/4	1/2	14			
82NC-1/2-12		12	14-1/2	12	2-5/8	18-1/2	13/16	2	3-1/4	1/2	17			
82NC-1-8	1	8	17-1/2	8	2	21-1/2	13/16	2	3-1/4	1/2	15			
82NC-1-16		16	17-1/2	16	2-1/2	21-1/2	13/16	2	3-1/4	1/2	20			
82NC-2-8	2	8	19-1/2	8	2-1/8	24-9/16	1	2-9/16	4-1/16	3/4	22			
82NC-2-16		16	19-1/2	16	3	24-9/16	1	2-9/16	4-1/16	3/4	40			
82NC-3 1/2-12	3-1/2	12	21-1/2	12	2-7/8	28-1/8	1-3/16	3-5/8	5-5/16	1	50			
82NC-3 1/2-16		16	21-1/2	16	3-3/8	28-1/8	1-3/16	3-5/8	5-5/16	1	63			
82NC-5-16	5	16	25-1/2	16	3-1/2	32-13/16	1-1/2	4	5-13/16	1-1/4	94			
82NC-5-20		20	25-1/2	20	4	32-13/16	1-1/2	4	5-13/16	1-1/4	110			





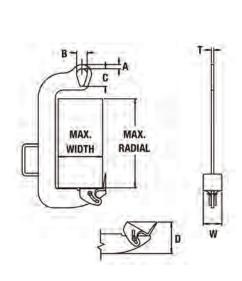
before use. Use only if trained. DEATH or INJURY can occur from improper use or maintenance.



## MODEL 80H — DIXON COIL HOOK WITH PIVOTING WEDGE

#### **Product Features:**

- Easy horizontal to vertical upending of coils.
- Pivoting wedge for easy tilting of stacked coils.
- Wedge acts as retainer.
- Efficient and easy to use.
- Popular for use with small, lightweight coils.
- For use where overhead clearance is limited.
- Specially designed heat treated pivoting wedge.
- Complies with ASME standards.





				Sı	pecifica	ations						
Model Capacity Dimensions (inches)												
Number	(tons)	Max. Width	Max. Radial	Min. I.D.	А	В	С	D	Т	w	Weight (lbs.)	
80H-1/2-6/13	1/2	6	13	9	13/16	2	3-5/16	6	1/2	3-1/2	20	
80H-1/2-12/13	1/2	12	13	13	13/16	2	3-5/16	6	1/2	3-1/2	28	
80H-1-8/16	1	8	16	10	13/16	2	3-5/16	6	1/2	3-1/2	23	
80H-2-10/18	2	10	18	12-1/2	1	2-5/8	4	6-3/4	3/4	2	42	
80H-3.5-12/20	3-1/2	12	20	14-1/2	1-3/16	3-5/8	5-5/16	7-3/4	1	2-1/2	80	

#### EASY HORIZONTAL TO VERTICAL MOVEMENT. DO NOT USE FOR VERTICAL TO HORIZONTAL MOVEMENT!



Placing spacer blocks between stacked coils permits easy insertion of the wedge. Lightweight and pivoting wedge makes it easy to position the hook.



With the hook in place, the wedge pivots as the lift is started, and the coil begins to turn to a vertical position for transporting.



Coil is in vertical position after being lifted from its pallet. The weight of the coil holds the pivoting wedge in the vertical position during transportation.



Coil being loaded on a stock reel. Hook is easily removed from the coil after releasing the hoist.

#### **WARNING**





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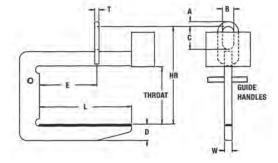
10TON CAP.

MAZZELLA

# MODEL 82 — HEAVY DUTY C-HOOK

#### **Product Features:**

- Designed for heavy duty applications.
- High tensile alloy steel plate reduces physical size and weight.
- Counter balanced to hang level when empty.
- Inside radius on hooks avoid coil edge contact.
- Curved coil saddle is standard.
- Guide handles for ease of hook positioning.
- Handles a wide range of coil widths.
- Available with optional padding for additional coil protection.
- Complies with ASME standards.



COIL WIDTH

### **WARNING**

Center of the hoist and bail must be in-line with the load's center of gravity.

**NOTE:** E = Maximum coil width ÷ 2

	Specifications													
						Dim	ensions (in	ches)						
Model	Capacity Coil Width Lifting Arm			Bail Dim	ensions		Weight							
Number	(tons)	Coll	wiatn	Throat	Length	Depth	Width	HR Headroom		Opening		Thk.	(lbs.)	
		Max.	Min.		L	Ď	W	Ticadiooni	Α	В	С	Т	]	
82-5-36 82-5-48 82-5-60	5	36 48 60	24 30 36	24 24 24	30 39 48	5-5/16 6-1/8 6-9/16	4 4 4	37-3/8 38 38-1/2	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/4 1-1/4 1-1/4	420 584 680	
82-7 1/2-36 82-7 1/2-48 82-7 1/2-60	7-1/2	36 48 60	24 30 36	24 24 24	30 39 48	5-5/8 6-5/16 6-15/16	4 4 4	37-1/2 38-1/4 39	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/2 1-1/2 1-1/2	615 774 942	
82-10-48 82-10-60 82-10-72	10	48 60 72	30 36 42	24 24 24	39 48 57	7-1/4 7-1/2 7-1/4	4 4 4	41-1/4 41-3/8 42-1/2	2 2 2	5 5 5	9 9 9	1-3/4 1-3/4 1-3/4	928 1,295 1,616	







10TON CAP.

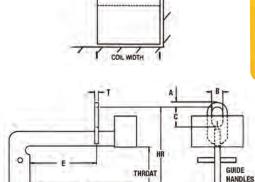
MAZZELLA

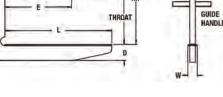
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## MODEL 82RC — CLOSE STACKING C-HOOK

#### **Product Features:**

- Recessed counterweight allows for close stacking of coils which maximizes floor space.
- Handles a wide range of coil widths.
- Designed for heavy duty application.
- High tensile alloy steel plate reduces physical size and weight.
- Counter balanced to hang level when empty.
- Inside radius on hooks avoid coil edge contact.
- Curved coil saddle is standard.
- Guide handle for ease of hook positioning.
- Available with optional padding for additional coil protection.
- Complies with ASME standards.





**WARNING** 

Center of the hoist and bail must be in-line with the load's center of gravity.

**NOTE:** E = Maximum coil width ÷ 2

Specifications													
						Dim	ensions (inc	ches)					
Model	Capacity	Caill	Vidth			Lifting Arm				Bail Dim	ensions		Weight
Number	(tons)	Coll	wiatn	Throat	Length	Depth	Width	HR Headroom		Opening		Thk.	(lbs.)
		Max.	Min.		Ľ	Ď	W	ricadiooni	Α	В	С	T	
82RC-5-36 82RC-5-48 82RC-5-60	5	36 48 60	24 30 36	24 24 24	30 39 48	5-5/16 6-1/8 6-15/16	4 4 4	37-1/4 38-1/16 38-15/16	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/4 1-1/4 1-1/4	550 707 853
82RC-7 1/2-36 82RC-7 1/2-48 82RC-7 1/2-60	7-1/2	36 48 60	24 30 36	24 24 24	30 39 48	5-5/8 6-3/8 6-15/16	4 4 4	37-1/2 38-1/4 39	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/2 1-1/2 1-1/2	750 996 1,161
82RC-10-48 82RC-10-60 82RC-10-72	10	48 60 72	30 36 42	24 24 24	39 48 57	7-3/16 7-5/8 7-1/4	4 4 4	41-1/4 41-1/2 41-1/8	2 2 2	5 5 5	9 9 9	1-3/4 1-3/4 1-3/4	1,200 1,645 2,100



DO NOT EXCEED RATED CAPACITY.
Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. DEATH or INJURY



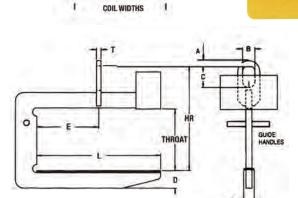
10TON CAP.

MAZZELLA

# MODEL 82LA — SLIT COIL C-HOOK

#### **Product Features:**

- Designed for heavy duty applications.
- Handles multiple slit coils which maximizes handling efficiency.
- Recessed counterweight minimizes interference with equipment or other obstacles.
- High tensile alloy steel plate reduces physical size and weight.
- Counter balanced to hang level when empty.
- Inside radius on hooks avoid coil edge contact.
- Curved coil saddle is standard.
- Guide handles for ease of hook positioning.
- Available with optional padding for additional coil protection.
- Complies with ASME standards.



**NOTE:**  $E = L \div 2$ 

#### **WARNING**

Center of the hoist and bail must be in-line with the load's center of gravity.

					Specifi	cations	•					
					[	Dimensions (i	nches)					
Model	Capacity	O = :1 \M(: -14)=			Lifting Arm				Bail Dim	ensions		Weight
Number	(tons)	Coil Width	Throat	Length	Depth	Width	HR Headroom		Opening		Thk.	(lbs.)
		Max.		L	Ď	W	ricadiooni	Α	В	С	Т	
82LA-5-36 82LA-5-48 82LA-5-60	5	36 48 60	24 24 24	36 48 60	5-5/16 6-1/8 6-9/16	4 4 4	37-1/4 38 38-9/16	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/4 1-1/4 1-1/4	450 555 649
82LA-7 1/2-36 82LA-7 1/2-48 82LA-7 1/2-60	7-1/2	36 48 60	24 24 24	36 48 60	5-5/8 6-5/16 7-1/8	4 4 4	37-5/8 38-5/16 38-7/8	1-1/2 1-1/2 1-1/2	4 4 4	7 7 7	1-1/2 1-1/2 1-1/2	496 731 898
82LA-10-48 82LA-10-60	10	48 60	24 24	48 60	7-3/16 7-5/16	4 4	41-1/8 41-1/8	2 2	5 5	9 9	1-3/4 1-3/4	932 1,281





DO NOT EXCEED RATED CAPACITY.
Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. DEATH or INJURY

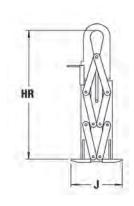
can occur from improper use or maintenance.

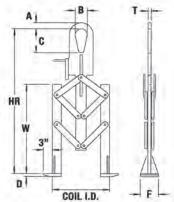


# MODEL 83EW — EXTENDED WIDTH VERTICAL "EYE" COIL LIFTER

#### **Product Features:**

- Handles any size coil I.D. from 16" to 24".
- Lifter legs automatically adjust to coil I.D. being lifted.
- Has higher capacity range than standard lifter.
- Unique design minimizes dunnage required between coils.
- Complies with ASME standards.







					Sı	pecifi	catio	ns						
							Dimension	s (inches)						
Model Number	Capacity (tons)	Coil	I I.D.	Coil Width	TO THE TREAT PORT OF THE TANK THE THE TANK THE T								Weight (lbs.)	
		Min.	Max.	widii	Open	Closed	Α	В	С	T	F	D	J	
83EW-5-24	5	16	24	30	47	40-3/8	2	4	7	1	6	1	15-1/2	170
83EW-7 1/2-24	7-1/2	16	24	30 47 40-3/8 2 4 8 1 6 1 15-1/2							170			





# MODEL 60 — HEAVY DUTY SHEET LIFTERS

#### **Product Features:**

- Versatile handling of bundles, sheets, plates and other materials stacked horizontally.
- Low headroom design for optimum lifting capabilities.
- One person operation minimizes handling cost.
- Self-locking worm gear drive for leg adjustment is standard.
- Easy adjustment for different sheet widths.
- Rack and pinion leg drive.
- Designed for ease of maintenance.
- Designed for greater sheet width range.
- Complies with ASME standards.

#### **Product Options:**

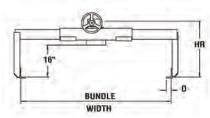
- Hand wheel lockout.
- Motorized leg adjustment.
- Chain-wheel leg adjustment.
- Extended length hand wheel leg adjustment.
- End chains with plate hooks (recommended for all widths 72" and greater).
- Extended grab shoe lengths available.
- Additional bundle clearance available (longer legs).

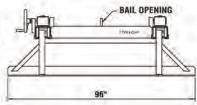


Do not lift loosely bundled, thin or oily sheets.











				Spe	cificatio	ns					
					Dimens	ions (inches)					
Model Number	Capacity (tons)	Bundle	Width	HR	Shoe	Min. Aisle		Bail O	pening		Weight (lbs.)
Number	(10113)	Min.	Max.	Headroom	D	Willi. Alsie	Α	В	С	Т	(153.)
60-3-48 60-3-60 60-3-72	3	16 16 16	48 60 72	28	2.63	9	1.5	3	5	0.75	920 950 980
60-5-48 60-5-60 60-5-72 60-5-84 60-5-96	5	16 16 16 16 16	48 60 72 84 96	29	2.63	9	2	4	6	1	1,125 1,170 1,220 1,270 1,550
60-10-48 60-10-60 60-10-72 60-10-84 60-10-96	10	16 16 16 16 16	48 60 72 84 96	30	3.5	11	2	4	7	1.5	1,510 1,570 1,640 1,700 1,770
60-15-48 60-15-60 60-15-72	15	16 16 16	48 60 72	32	3.5	12	2.5	5	9	1.5	1,570 1,640 1,700

#### **MARNING**



DO NOT EXCEED RATED CAPACITY.

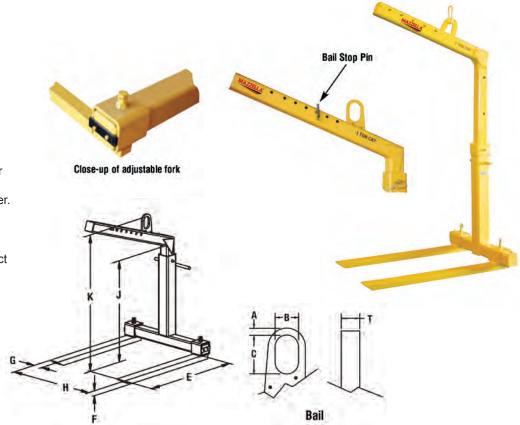


# MODEL 90ACL — ADJUSTABLE LOAD LIFTER

Use your crane to handle a wide range of loads.

#### **Product Features:**

- Once the bail pin is set the pallet lifter remains balanced whether full or empty to make the job faster and safer.
- Adjustable bail provides for balanced handling of items with different load centers.
- Adjustable throat allows for the correct handling of higher stacked loads.
- Adjustable forks allow for proper placement of the forks spread.
- The auto return bail automatically levels empty pallet lifter saving time and effort.
- Heavy duty construction for years of trouble free service.
- Complies with ASME standards.



							S	рес	ifica	atio	ns									
									Din	nensior	ns (inch	ies)								
Model Number	Rated Capacity (tons)		Fork Bail Throat HR Head-room room room (at min. (at mid. throat) throat)									Weight (lbs.)								
		Е	_	G	H	Н						J		k	(	ŀ	(	ŀ	<b>(</b>	
		_	Г	٥	Min.	n. Max. A B C T					Min.	Mid.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
90-ACL-2	2	43.00	2.00	4.00	17.50								515							





DO NOT EXCEED RATED CAPACITY.

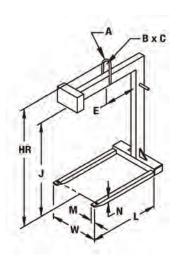
Can fail if damaged, misused or overloaded. Inspect



# MODEL 90 — STANDARD FIXED FORKS PALLET LIFTER

#### **Product Features:**

- Converts overhead crane to lift truck.
- Counter balanced to hang level when empty.
- Maintenance free.
- Allows for ease of loading / unloading in not easily accessible areas.
- Complies with ASME standards.





				S	pecifi	cation	ıs					
						Dimensio	ns (inches)					
Model Number	Capacity (tons)		Fo	rks		Е	Ва	ail Dimensio	ns	J*	HR	Weight (lbs.)
		L	М	N	W		Α	В	С			
90-1-36	1	36	2	2	25	18	1	6	5	48	57-1/2	292
90-1-42	1	42	2	2	25	21	1	6	5	48	57-1/2	310
90-1-48	1	48	2	2	25	24	1	6	5	48	58-1/2	371
90-1 1/2-36	1-1/2	36	3	2	25	18	1	6	5	48	58-1/2	388
90-1 1/2-42	1-1/2	42	3	2	25	21	1	6	5	48	58-1/2	432
90-1 1/2-48	1-1/2	48	3	2	25	24	1	6	5	48	58-1/2	459
90-2-36	2	36	3	2	25	18	1	6	5	48	59-1/2	448
90-2-42	2	42	4	2	25	21	1	6	5	48	59-1/2	536
90-2-48	2	48	4	2	25	24	1	6	5	48	59-1/2	627
90-3-42	3	42	4-1/2	2-1/2	25	21	1-1/2	6-1/8	7	48	61-1/2	766
90-3-48	3	48	4-1/2	2-1/2	27	24	1-1/2	6-1/8	7	48	61-1/2	823
90-3-54	3	54	4-1/2	2-1/2	30	27	1-1/2	6-1/8	7	48	61-1/2	969

<sup>\*</sup> Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

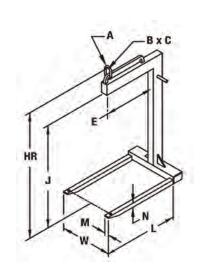




# MODEL 94 — LIGHTWEIGHT PALLET LIFTER

#### **Product Features:**

- Dual lift points eliminates need for counterweight.
- Extremely lightweight for ease of handling.
- Maintenance free no moving parts.
- Complies with ASME standards.





				S	pecifi	cation	S						
						Dimension	ns (inches)						
Model Number	Capacity (tons)		Fo	rks		_	Ва	il Dimensio	ns		HR	Weight (lbs.)	
Number	(10113)	L	M	N	W	-	Α	В	С	J	пк	(103.)	
94-1-48	1	36	2	2	25	24	1/2	2-1/2	3-3/4	48	58	245	
94-2-48	2	36	4	2	25	24	3/4	2-3/4	4-1/2	48	62	425	
94-3-48	3	36	36 4-1/2 2-1/2 27 24 1 3-1/2 5 48 65										

# MODEL BT — BEAM TONGS

#### **Product Features:**

- Tong provided with lifting shackle.
- Load must be balanced and controlled when lifting.
- Use only for vertical lifting.
- For added stability when handling longer loads, use in pairs with a spreader beam.
- Complies with ASME standards.

		Specifi	cations							
Model	Rated	Dimension	ns (inches)		Weight					
Number	Capacity (tons)	Beam Width Min Max.	Max. Flange Thickness	Headroom	(lbs.)					
111 - 1	1	5 - 6	5/8	17	15					
111 - 2	2	6.50 - 8	3/4	19	18					
111 - 3	111 - 3         3         7.50 - 10         3/4         19         21									





#### **WARNING**

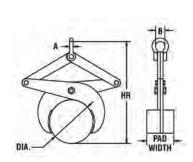




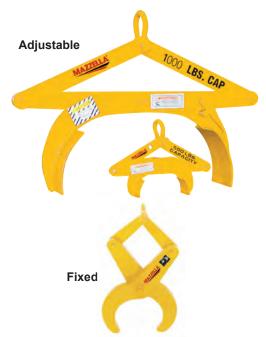
# MODEL PLT — PIPE TONGS

#### **Product Features:**

- Pipe Tongs are made of sturdy construction to handle pipe, round bars and cast pipe.
- Tongs are provided with steel curved gripping arms.
- Optional replaceable polyurethane pads available to protect smooth or polished surfaces.
- Load must be balanced and controlled when lifting.
- Use in pairs with a lifting / spreader beam for added stability.
- Complies with ASME standards.







		Specificat	ions — Fixed	Diameter								
Model Number Rated Capacity (lbs.) Dia. HR Headroom (in.) A B Weight (in.) (lbs.)												
108-1/2-5	1,000	5	15.50	0.5	1.31	17						
108-1-8	<b>108-1-8 2,000</b> 8 23.50 0.5 1.31 25											

		Spe	cifications	— Adjust	able Diam	eter							
Model Number	Number Capacity Range Range Headroom Width (in.) (in.) (in.) (ibs.)												
108-1/2-2/4	1,000	2 - 4	1.25 - 3.25	11.21 - 15.15	2.25	0.5	1.31	8					
108-1-4/8	2,000	4 - 8	3.25 - 7.25	19.18 - 26.49	5	0.5	1.31	29					
108-1-7/12	2,000	7 - 12	6.25 - 11.25	25.95 - 35.81	6	0.5	1.31	49					
108-1-10/15	<b>108-1-10/15 2,000</b> 10 - 15 9.25 - 14.25 30.03 - 38.67 6 0.5 1.31 77												

#### **Operation:**







#### **MARNING**

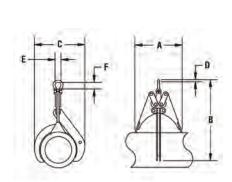




## **MODEL C&S** — **PIPE GRABS**

#### **Product Features:**

- Heavy duty automatic clamping design.
- Outriggers stabilize the pipe during lift.
- No blocking is required.
- The operator only has to guide the clamp into place.
- Pipes are handled quickly and efficiently when properly balanced.
- Excellent for cast iron, steel pipe, tubing, and other cylindrical objects.
- Pipe grab sizes listed handle ASA cast iron pipe — standard, extra strong, and double strong (all have same O.D.).
- Complies with ASME standards.



#### WARNING

The lifter shall not touch obstructions during load movement. The load or lifter shall not be slid on the floor or other surface.



3

				Specifi	cation	S					
Rated	Cast	Iron	St	eel			Dimension	ns (inches)			Mainlet
Capacity (lbs.)	Model Number	Pipe O.D. (in.)	Model Number	Pipe O.D. (in.)	A	В	С	D	E	F	Weight (lbs.)
450	C - 3	4.0	S - 3	3.5	5	10	6	0.38	1.03	1.44	7
600	C - 4	4.8	S - 4	4.5	8	14	7	0.44	1.16	1.69	9
1,000	C - 6	6.9	S - 6	6.63	11	17	11	0.50	1.31	1.88	15
<b>1,400 C-8</b> 9.05 <b>S-8</b> 8.63 13 22 14 0.50 1.31 1.88											25

# 15° MAX.

**Operation:** 

1. Lower the grab and place on pipe. As rope is loosened grab will open and seat on pipe.

2

- Lift slowly with grab engaged to check for balance.
- Load should be level when transported. Maximum of 15° angle when positioning pipe.

# DO NOT EXCEED RATED CAPACITY.

#### **MARNING**



# MODEL ST — SLAB TONGS

#### **Product Features:**

- Designed for lifting dry slabs of concrete, stone, or metal that must be protected from scratching or marring.
- Use in construction work to position slabs.
- The curved pads give proper contact for gripping smooth surfaces and handling a large range of sizes.
- Polyurethane gripping surfaces are standard.
- A manual latch is standard and locks the tong arms for easy placement on the load.
- Complies with ASME standards.



		Specifications		
Model Number	Rated Capacity (lbs.)	Load Width (in.) Min Max.	HR Headroom (in.) Min Max.	Weight (lbs.)
71-0	1,000	1 - 6	31.30 - 39.58	65
71-1	1,000	6 - 10	29.00 - 41.00	75
71-2	1,500	8 - 12	23.40 - 34.90	85
71-3	1,500	10 - 14	28.60 - 41.20	145
71-4	1,500	14 - 18	36.80 - 49.80	145
71-5	1,500	18 - 22	45.40 - 60.10	150



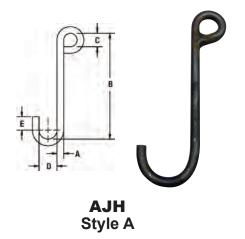


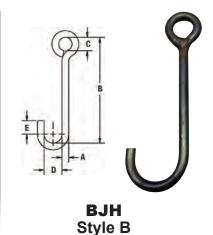
# MODEL AJH / BJH / CJH — J-HOOKS

#### **Product Features:**

- Welded lifting eye
- Heat treated
- Proof tested to 2:1 with certificate issued
- Shot-blast finish with rust inhibitor
- Serial number and capacity engraved on product
- Custom designs available









			Specificat	ions					
Style A Model Number	Style B Model Number	Style B Model Number	Working Load Limit (lbs.)	Α	В	С	D	Е	Weight (lbs.)
AJH-2-031	BJH-2-031	CJH-2-031	250	0.31	5	0.75	1.25	0.25	0.3
AJH-3-038	BJH-3-038	CJH-3-038	350	0.38	6	0.75	1.50	0.38	0.4
AJH-6-050	BJH-6-050	CJH-6-050	650	0.50	8	0.75	2.00	0.50	1.0
AJH-8-063	BJH-8-063	CJH-8-063	850	0.63	9	1.00	2.50	0.63	1.6
AJH-12-075	BJH-12-075	CJH-12-075	1,200	0.75	10	1.00	3.00	0.75	2.6
AJH-15-088	BJH-15-088	CJH-15-088	1,500	0.88	12	1.00	3.50	0.88	4.0
AJH-20-100	BJH-20-100	CJH-20-100	2,000	1.00	14	1.25	4.00	1.00	6.2
AJH-22-113	BJH-22-113	CJH-22-113	2,250	1.13	15	1.25	4.50	1.12	8.5
AJH-27-125	BJH-27-125	CJH-27-125	2,750	1.25	16	1.50	5.00	1.25	12
AJH-30-138	BJH-30-138	CJH-30-138	3,000	1.38	17	1.50	5.50	1.38	15
AJH-35-150	BJH-35-150	CJH-35-150	3,500	1.50	18	2.00	6.00	1.50	20
AJH-40-175	BJH-40-175	CJH-40-175	4,000	1.75	20	2.50	7.00	1.75	31
AJH-50-200	BJH-50-200	CJH-50-200	5,000	2.00	24	3.00	8.00	2.00	53



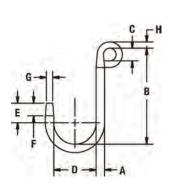




# MODEL FH — FOUNDRY HOOK

## **Product Features:**

- Welded lifting eye
- Heat treated
- Proof tested to 2:1 with certificate issued
- Shot-blast finish with rust inhibitor
- Serial number and capacity engraved on product
- Custom designs available





Specifications													
Model	Working Load Limit				Dimension	ns (inches)				Weight			
Number	(lbs.)	Α											
FH-5-050	500	0.50	6.00	0.75	2.50	0.75	0.71	0.25	0.50	1			
FH-8-063	800	0.63	8.50	0.75	3.50	1.50	0.89	0.31	0.50	2			
FH-13-075	1,300	0.75	8.50	0.75	3.50	1.50	1.06	0.38	0.50	2.6			
FH-16-088	1,600	0.88	8.50	0.88	3.50	1.50	1.06	0.50	0.75	3.5			
FH-25-100	2,500	1.00	8.50	1.00	4.00	1.75	1.42	0.50	0.75	5			
FH-35-113	3,500	1.13	8.50	1.00	4.00	2.00	1.60	0.56	0.75	6.5			
FH-45-125	4,500	1.25	8.50	1.25	4.00	2.00	1.77	0.63	1.00	8.8			
FH-60-150	6,000	1.50	8.50	1.25	5.00	2.50	2.13	0.75	1.00	14			



# NO TOUCH HAND TOOLS AND DEVICES

#### No touch hand tools descriptions:

- **1.** Position device, 3/8" x 24", "Hook" style with closed handle, 1018 material, painted safety yellow.
- Position device, 1/4" x 12", "S" style hook with wood handle, 1018 material, painted safety yellow.
- Position device, 1/4" x 24", "Double Open" style hook with bicycle handle, 1018 material, painted safety yellow.
- **4.** Position device, 1/4" x 12", "M Hook", 1018 material, painted safety yellow.
- 5. Position device, 1/4" x 12", "Open C Hook", 1018 material, painted safety yellow.
- **6.** Position device, 1/4" x 12", "Hook", 1018 material, painted safety yellow.
- Position device, 1/4" x 12", "Double S Hook", 1018 material, painted safety yellow.
- **8.** Position tool, 1/4" x 12", "Staggered Double Hook", painted safety yellow.
- **9.** Bolt-on or weld-on handles for Master Rings eliminates pinch points between crane hook and master ring. Available for 1" thru 2-3/4" master rings.
- 10. Position device, nylon web tag line 18" with Velcro® and 1/4" steel rod. All straps use nylon to keep them together. Also available in 36" length.
- 11. Position device, nylon web tag line 18" with Velcro® and PVC stiffener. All straps use nylon to keep them together. Also available in 36" length.
- **12.** Position tool, 1/4" x 12", "Staggered Double Hook" style with plastic handle, painted safety yellow.
- **13.** Position device, nylon—chain, 1" round sleeve with Velcro lightener for 3/8" chain with handle.
- 14. Position device, nylon web tag line 6" with Velcro® and PVC stiffener. All straps use nylon to keep them together. Also available with 1/4" steel rod in place of PVC stiffener.



All above devices are available in various lengths and handle types—contact your local Lifting Specialist for more details.

# WARNING DO NOT EXCEED RATED CAPACITY.



Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. DEATH or INJURY

